

IL6 active protein

Recombinant Mouse IL6

CATALOG #
AAA214318

HOST
E Coli

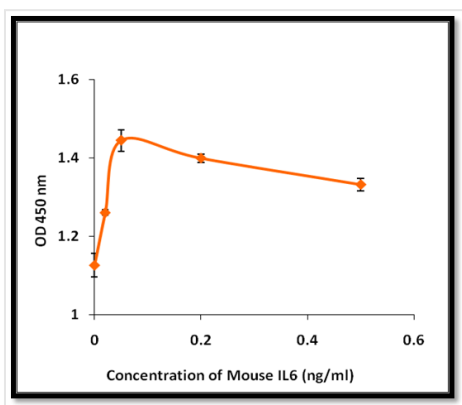
PRODUCT SYNONYMS

IL6; Recombinant Mouse IL6; IL-6; B-cell hybridoma growth factor; Interleukin HP-1; Recombinant Mouse Interleukin-6 (IL6); IL6 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	165
Bioactivity	The ED50 as determined by the dose-dependent proliferation of murine hybridoma was <0.05ng/ml.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IL6 active protein	IL6 is produced by many different cell types. The main sources in vivo are stimulated monocytes, fibroblasts, and endothelial cells. Macrophages, T cells and B-lymphocytes, granulocytes, smooth muscle cells, eosinophils, chondrocytes, osteoblasts, mast cells, glial cells, and keratinocytes also produce IL6 after stimulation. IL6 is a member of a family of cytokines, which also includes LIF, CNTF, Oncostatin M, IL11, and CT-1. All known members of the IL6 cytokine family induce hepatic expression of acute phase proteins. The IL6 receptor is expressed on T cells, mitogen-activated B cells, peripheral monocytes and some macrophage and B cell derived tumor cell types. It is not expressed in resting B cells but in resting T cells. The IL6 receptor, designated CD126, is a strongly glycosylated protein of 80 kDa. Recombinant Mouse IL6 is a 22 kDa polypeptide with two intramolecular disulfide bridges.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	930945756
NCBI GeneID	16193
NCBI Accession #	NP_001300983.1
NCBI GenBank Nucleotide #	NP_001300983.1
UniProt Accession #	P08505
Molecular Weight	22.0 kDa
NCBI Official Full Name	interleukin-6 isoform 2
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	IL-6
NCBI Protein Information	interleukin-6
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/il6/214318>